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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Woo Sik Yoo

Assignee: WaferMasters, Inc.

Title: Gas-Assisted Rapid Thermal Processing

Serial No.: 10/005,827

Filing Date: November 8, 2001

Examiner: Unknown

Group Art Unit: 2812

Docket No.: M-11914 US

COMMISSIONER FOR PATENTS
Washington, D.C. 20231

POWER OF ATTORNEY BY ASSIGNEE OF ENTIRE INTEREST

Sir:

The above-identified assignee hereby revokes all powers of attorney previously given and appoints the attorney(s) and/or agent(s) identified below to prosecute the above-identified application and to transact all business in the United States Patent and Trademark Office in connection therewith:

Alan H. MacPherson (24,423), Edward C. Kwok (33,938); Tom Chen (42,406); David W. Heid (25,875); Jonathan W. Hallman (42,622); Theodore P. Lopez (44,881); Gregory J. Michelson (44,940); David S. Park (52,094)

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Appl. No.: 10/005,827

ASSIGNEE CERTIFICATION UNDER 37 CFR 3.73(B)

The undersigned representative of the above-identified assignee certifies that the above-identified assignee is the assignee of the entire right, title and interest in the above-identified patent application/patent by virtue of a chain of title from the inventor(s) of the above-identified patent application/patent to the above-identified assignee as shown below:

1. From: Woo Sik Yoo To: WaferMasters, Inc.

The assignment document was submitted to the United States Patent and Trademark Office on November 8, 2001. A copy of the assignment document is attached.

The undersigned (whose title is supplied below) is empowered to sign this certificate on behalf of the above-identified assignee.

Date: 11/13/02

By: S. Fujimori
(Signature)

Name: SHINTARO FUJIMORI

Title: CHIEF OPERATING OFFICER

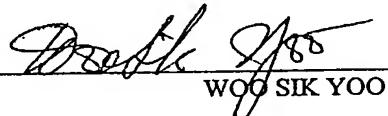
ASSIGNMENT

For good and valuable consideration, receipt of which is hereby acknowledged, I, WOO SIK YOO, of 3090 Stelling Drive, Palo Alto, California 94303, hereby sell, assign, and transfer to WAFERMASTERS, INCORPORATED, a California corporation, having a place of business at 246 East Gish Road, San Jose, California 95112, its successors and assigns, the entire right, title, and interest throughout the world in my invention in

GAS-ASSISTED RAPID THERMAL PROCESSING

for which I have executed a United States patent application on or about the date of this assignment, and all patent applications and patents of every country for said invention, including divisions, reissues, continuations and extensions thereof, and all rights of priority resulting from the filing of said applications; I authorize the above-named assignee to apply for patents of foreign countries for said invention, and to claim all rights of priority without further authorization from me; I agree to execute all papers useful in connection with said United States and foreign applications, and generally to do everything possible to aid said assignee, its successors, assigns and nominees, at their request and expense, in obtaining and enforcing patents for said invention in all countries; and I request the Commissioner of Patents and Trademarks to issue all patents granted for said invention to the above-named assignee, its successors and assigns.

Executed this 11th day of November, 2001.


WOO SIK YOO

State of California)

) ss

County of SANTA CLARA)

On 7 November 2001 before me, DOROTHY L. LEVIN personally known to me personally appeared WOO SIK YOO personally known to me or proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is(are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.


SIGNATURE OF NOTARY

